

In The Claims:

Cancel claims 2, 6, 7, 10-12, 15 and 16 without estoppel or disclaimer of the subject matter thereof.

Please amend claim 1, as follows:

1. (Currently Amended) A clamp accessory for an ablation device, comprising:

a first jaw member having a recess in ~~[[a]]~~ an inner surface thereof adapted to receive the ablation device therein;

a second jaw member opposed to the inner surface of the first jaw member;
~~and~~

a structure operably attaching the first jaw member to the second jaw member for selectively effecting closure of the first and second jaw members to operatively engage the ablation device upon a target tissue disposed between the first and second jaw members~~[[.]]~~ ; and

a transmural system including at least two electrodes disposed near the recess and adapted to selectively transfer electrical signals therebetween through the target tissue to measure at least one of conduction time, conduction distance, conduction velocity, phase angle, and impedance through at least a portion of the targeted biological tissue for monitoring the transmural of an ablation lesion formed therein.

2.-16. (Cancelled)

17. (Previously Presented) A clamp accessory according to claim 1 in which the first and second jaw members extend in an elongated direction and are hinged together for relative rotation between open and closed configurations along an axis substantially aligned along the elongated direction.

18. (Previously Presented) A clamp accessory according to claim 17 in which the hinged attachment of the first and second jaw members is disposed to translate laterally to the axis for expanding the spacing between the first and second jaw members in the open and closed configurations.